

Environmental Protection Act 1986

Section 40(2)(a)

NOTICE REQUIRING INFORMATION FOR ASSESSMENT

PERSON TO WHOM THIS NOTICE IS GIVEN

Harvey Water (ABN 15 181 051 928 and 54 498 176 490)
1 Turnbull Street
HARVEY WA 6220

PROPOSAL TO WHICH THIS NOTICE RELATES:

Brine pipeline and outfall

Pursuant to section 40(2)(a) of the *Environmental Protection Act 1986*, I, as a delegate of the Environmental Protection Authority (EPA), require that you provide the EPA with the following information for its assessment.

1. Marine Environmental Quality and Benthic Communities and Habitats

- Please clearly demonstrate how waste discharges and potential impacts to the marine environment have/will be avoided, minimised and mitigated.
- Please demonstrate how the assessment and the proposed management is consistent with the EPA's Technical Guidance for Protecting the Quality of WA's Marine Environment, where relevant and appropriate. Please update the assessment and proposed management and show the degree of conformity with the EPA's Technical Guidance.
- Please clarify the size and configuration of the proposed low ecological protection area in light of the modelled predictions. At this stage, the proposed low ecological protection area does not reflect the modelled predictions.
- Please incorporate the maximum rate of discharge and show how it was considered for the purpose of the assessment.
- Further investigation of the potential contaminants within the source water is required, particularly the blowdown water, to better assess the risks to marine environmental quality around the outfall.
- Please include management strategies to manage potential cumulative inputs to the pipeline from future additional users so that the environmental quality plan can continue to be achieved. Please include reasonable estimates of the

contaminants from potential future source water and include a management strategy for cumulative inputs from potential additional users.

2. Discharge Monitoring and Management Plan

The Discharge Monitoring and Management Plan will need to be updated and demonstrate how it has considered the EPA Technical Guidance and be resubmitted with the requested additional information.

Management response options should be identified early in the design phase of the proposal so that any necessary infrastructure can be built into the design (e.g. ability to extend a pipeline and diffuser). Inclusion of the range of feasible management and contingency responses in the plan is essential for providing confidence and clarity to all parties on how environmental quality can and will be maintained to protect all relevant environmental values.

3. Flora and Vegetation

Please provide an assessment of the potential direct and indirect impact to flora and vegetation within and directly adjacent to the proposal. Include an assessment and management of potential impacts:

- to chenopod shrubs and sedges in claypan areas
- associated with root disturbance as a result of trenching and horizontal directional drilling
- as a result of dewatering
- from the spread of weeds and disease.

4. Terrestrial Fauna

Please provide an assessment of the likely direct and indirect impact to terrestrial fauna. Show how potential impacts to terrestrial fauna have/will be avoided, minimised and mitigated.

5. Inland Waters

Additional information is required in relation to the potential direct and indirect impacts to Conservation Category Wetlands and wetlands associated with the Leschenault Estuary particularly in relation to potential threats and pressures from dewatering, dewatered effluent and exposure of acid sulfate soils.

It is recommended that the Referral Information documentation be revised to include and address the requested additional information above, including appending a revised Discharge Monitoring and Management Plan.

Your response should be sent by email to registrar@dwer.wa.gov.au marked for the attention of the person cited in the covering letter, or by post to the Environmental Protection Authority, Locked Bag 10, Joondalup DC, Perth WA 6919. Please quote the case number CMS17953 on any further correspondence.

The EPA will not proceed with its assessment of the proposal until you have provided the requested information and it is considered to be adequate, or if you advise the EPA that the further information is not available and/or cannot be obtained.

Yours sincerely

A handwritten signature in blue ink, appearing to read 'Matthew Tonts', with a stylized flourish at the end.

Matthew Tonts
CHAIR

6 May 2021